



Effective on 12/08/04

**FEE TRANSMITTAL SHEET
(FY 2006)***IPW*
Complete if Known

Application No.	10/665,904
Filing Date	September 18, 2003
First Inventor	Randy L. Schnepfer
Group Art Unit	2188
Examiner Name	Gary J. Portka
Atty. Docket Number	501323.01

☐ Applicant claims small entity status (see 37 C.F.R. 1.27)**METHOD OF PAYMENT (Check One)**

☒ The Director is hereby authorized to charge any additional fee required under 37 C.F.R. §§ 1.16 and 1.17 and 1.136(a)(3) and credit any over payments to Deposit Account No. **50-1266**; Deposit Account Name: **DORSEY & WHITNEY LLP**.

☒ Check Enclosed.

Extra Claim Fees

Current Claims	Prior	Extra	Fee	Fee Paid
Total 26	- 60	= 0	x \$ =	\$ 0
Ind. 6	- 12	= 0	x \$ =	\$ 0
Multiple Dependent Claims		x \$ =		\$
Subtotal (Extra Claims)				\$ 0

Petition Fee Under 37 CFR 1.17(f), (g), & (h)

Enclosed is a Petition filed under 37 CFR as indicated below:

- ☐ Petition Fee under 37 CFR 1.17(f) **Fee \$400**
- § 1.53(e) to accord a filing date.
§ 1.57(a) to accord a filing date.
§ 1.182 for decision on a question not provided for.
§ 1.183 to suspend the rules.
§ 1.378(e) for reconsideration of decision on petition refusing delayed payment of maintenance fee in expired patent.
§ 1.174(b) to accord a filing date to an application under § 1.740 for extension of patent term.
- ☐ Petition Fee under 37 CFR 1.17(g) **Fee \$200**
- § 1.12 for access to an assignment record.
§ 1.14 for access to an application.
§ 1.47 for filing by other than all inventors or person not the inventor.
§ 1.59 for expungement of information.
§ 1.103(a) to suspend action in an application.
§ 1.136(b) for review of a request for ext. of time when § 1.136(a) not avail.
§ 1.295 for review of refusal to publish a statutory invention registration.
§ 1.296 to withdraw a req. for pub. after notice of intent to publish issued.
§ 1.377 for review of decision refusing to accept a maintenance fee filed prior to expiration of a patent.
§ 1.550(c) for request for ext. of time in *ex parte* reexam. proceedings.
§ 1.956 for request for ext. of time in *ex parte* reexam. proceedings.
§ 5.12 for expedited handling of foreign filing license.
§ 5.15 for changing the scope of a license.
§ 1.5.25 for retroactive license.
- ☐ Petition Fee under 37 CFR 1.17(h) **Fee \$130**
- § 1.19(g) to request documents in a form other than provided in this part.
§ 1.84 for accepting color drawings or photographs.
§ 1.91 for entry of a model or exhibit.
§ 1.102(d) to make an application special.
§ 1.138(c) to expressly abandon an application to avoid publication.
§ 1.313 to withdraw an application from issue.
§ 1.314 to defer issuance of a patent.

FEE CALCULATION (Continued)**3. ADDITIONAL FEES**

Large Entity Fee	Small Entity Fee	Fee Description	Fee paid
50	25	Surcharge - late provisional filing fee or cover sheet	\$
130	65	Surcharge - Late nonprovisional filing fee or oath	\$
180	180	Submission of IDS	\$180
40	40	Recording each patent assignment per property (times number of properties)	\$
120	60	Extension for reply within first month	\$
450	225	Extension for reply within second month	\$
1,020	510	Extension for reply within third month	\$
1,590	795	Extension for reply within fourth month	\$
2,160	1,080	Extension for reply within fifth month	\$
790	395	Submission After Final 1.129	\$
500	250	Notice of Appeal	\$
500	250	Filing a brief in support of an appeal	\$
1,000	500	Request for oral hearing	\$
130	65	Terminal Disclaimer Fee	\$
800	400	Design Issue Fee	\$
790	395	Request for Continued Examination (RCE)	\$
130		Request for voluntary publication or republication	\$
500	250	Petition to Revive - unavoidable	\$
1,500	750	Petition to Revive - unintentional	\$
200		Filing for patent term adjustment	\$
400		Request for reinstatement of term reduced	\$
1,120		Extension of term of patent	\$
OTHER FEE (specify)			\$

Subtotal (Additional Fees) \$180**Total Amount of Payment:** \$180

Submitted by:

CUSTOMER NUMBER
27,076

DORSEY & WHITNEY LLP

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Name: Kimton N. Eng

Reg. No.: 43,605

Signature: *Kimton N. Eng*Date: *6/27/2006*



PATENT

I hereby certify that on the date specified below, this correspondence is being deposited with the United States Postal Service as first-class mail in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date June 27, 2006

Ayesha J. Shaikh
Ayesha J. Shaikh

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/665,904

Confirmation No. : 7038

Applicant : Randy L. Schnepfer

Filed : September 18, 2003

Attorney Docket No.: 501323.01

Art Unit : 2188

Customer No. : 27,076

Examiner : Gary J. Portka

Title : MEMORY HUB WITH INTEGRATED NON-VOLATILE MEMORY

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. §§ 1.56 and 1.97 through 1.98, applicant wishes to make known to the Patent and Trademark Office the references set forth on the attached form PTO-1449. Copies of the cited foreign patent and non-patent literature references, as required under 37 C.F.R. § 1.98(a)(2), are enclosed. Copies of the cited U.S. patents and U.S. patent application publications will not be submitted herewith in accordance with the waiver by the Office of the requirement under 37 C.F.R. § 1.98(a)(2)(i) for ^{0786/2006} ~~U.S. national patent applications~~ ^{01 FC:1006} ~~filed after June 30, 2003.~~ ^{00000028 10665904} Although the aforesaid references are made known to the Patent and Trademark Office in compliance with applicant's duty to disclose all information he is aware of which is believed relevant to the examination of the above-identified application, applicant believes that his invention is patentable. ^{100.00 OP}

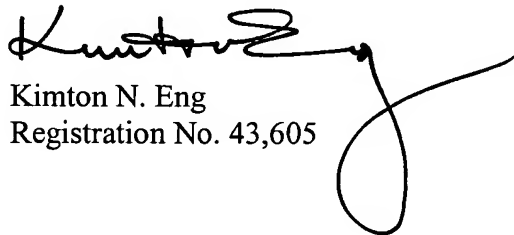
Applicant also wishes to make known to the Patent and Trademark Office that an application, Serial No. 11/433,218, describing and claiming subject matter that is similar to the subject matter of this application, was filed on May 11, 2006. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

A fee of \$180 is submitted in accordance with 37 C.F.R. § 1.97(c). The Commissioner is authorized to charge any other fees which may be required, or credit any overpayment to Deposit Account No. 50-1266. A duplicate copy of this sheet is enclosed.

Please acknowledge receipt of this Supplemental Information Disclosure Statement and kindly make the cited references of record in the above-identified application.

Respectfully submitted,

DORSEY & WHITNEY LLP

A handwritten signature in black ink, appearing to read 'Kimton N. Eng', with a large, stylized loop at the end.

Kimton N. Eng
Registration No. 43,605

KNE:ajs

Enclosures:

- Postcard
- Check
- Fee Transmittal Sheet (+ copy)
- Copy of Supplemental Information Disclosure Statement
- Form PTO-1449
- Cited References (2)
- Copy of Related Application

1420 Fifth Avenue, Suite 3400
Seattle, WA 98101
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FORM PTO-1449
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
501323.01APPLICATION NO.
10/665,904**INFORMATION DISCLOSURE STATEMENT**

(Use separate sheets if necessary)

APPLICANT(S)

Randy L. Schnepfer

FILING DATE

September 18, 2003

GROUP ART UNIT

2188

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	4,641,249	02/03/87	Gion et al.	364	496	
	AB	5,546,591	08/13/96	Wurzburg et al.	395	750	
	AC	5,706,224	01/06/98	Srinivasan et al.	365	49	
	AD	5,710,733	01/20/98	Chengson et al.	365	52	
	AE	5,881,072	03/09/99	Dell	371	40.11	
	AF	5,889,714	03/30/99	Schumann et al.	365	203	
	AG	5,963,942	10/05/99	Igata	707	6	
	AH	6,011,741	01/04/00	Wallace et al.	365	221	
	AI	6,401,149 B1	06/04/02	Dennin et al.	710	58	
	AJ	6,782,465 B1	08/24/04	Schmidt	711	208	
	AK	6,785,780 B1	08/31/04	Klein et al.	711	148	
	AL	6,970,968 B1	11/29/05	Holman	711	5	
	AM	2002/0033276 A1	03/21/02	Dabral et al.	174	262	
	AN	2003/0065836 A1	04/03/03	Pecone	710	62	
	AO	2003/0095559 A1	05/22/03	Sano et al.	370	419	
	AP	2004/0008545 A1	01/15/04	Korotkov et al.	365	189.05	
	AQ	2004/0024959 A1	02/05/04	Taylor	711	105	
	AR	2004/0047169 A1	03/11/04	Lee et al.	365	63	
	AS	2004/0199730 A1	10/07/04	Eggers et al.	711	154	
	AT	2004/0216018 A1	10/28/04	Cheung	714	724	
	AU	2004/0243769 A1	12/02/04	Frame et al.	711	148	
	AV	2004/0260957 A1	12/23/04	Jeddeloh et al.	713	300	
	AW	2005/0021884 A1	01/27/05	Jeddeloh	710	22	

EXAMINER

DATE CONSIDERED

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

FORM PTO-1449
(REV.7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
501323.01APPLICATION NO.
10/665,904**INFORMATION DISCLOSURE STATEMENT***(Use several sheets if necessary)*

APPLICANT(S)

Randy L. Schnepfer

FILING DATE

September 18, 2003

GROUP ART UNIT

2188**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AX	2005/0050237 A1	03/03/05	Jeddeloh	710	10	
	AY	2005/0146943 A1	07/07/05	Jeddeloh	365	189.05	
	AZ	2005/0146944 A1	07/07/05	Jeddeloh	365	189.05	
	BA	2005/0160201 A1	07/21/05	Jeddeloh	710	22	
	BB						
	BC						
	BD						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	BE	WO 98/57489		PCT			X	
	BF							
	BG							
	BH							

OTHER PRIOR ART *(Including Author, Title, Date, Pertinent Pages, Etc.)*

	BI	Jones, R. "Throughput Expansion with FET Based Crossbar Switching", Pericom, Application Note 45, November 12, 2001, pp. 1-5.
	BJ	
	BK	
	BL	
	BM	

EXAMINER**DATE CONSIDERED**

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).